

S020 range

Revision: 8P08.10.02
Sheet: A-020-00

FEATURES

Input voltage

90÷264Vac

Input frequency

50/60Hz

Efficiency

75% typ.

Switching operating frequency

60KHz typ.

Input protections

- Inrush current limitation
- EMI filter
- Line fuse

Leakage current to GND

Max 1.5mA at 50Hz

See table for

- Output voltages and currents
- Line and load regulation
- Output ripple and noise

Output protections

- Overcurrent protection

- Short circuit protection

- Overvoltage protection

Hold up time

20msec typ.

Output power

15÷20W (see table)

Operating temperature

0°C to 50°C

Temperature power derating

2%/°C (50÷70°C) see diag.

Storage temperature

-20°C to 85°C

Temperature drift

0.01% typ.

Long term stability

Better than 1% after 24 hours

Cooling

Natural convection

Control and adjustment

- Vout through potentiometer

Dielectric withstand voltage

- Input - Output : 3750Vac (on insulating components)

- Input - P.E. : 1750Vac

Isolation

- Output - P.E. : 500Vdc

Comply with

- EN 50081-1
- EN 61000-6-2
- EN 60950
- CE

Weight

board: 170g ; closed: 380g

Optional features

- DC - DC input for AC-DC units
- H - For RAIL-DIN mounting

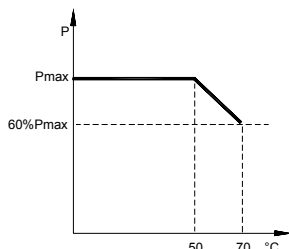
FEATURES TABLE

MODEL	Output Power W	Vout Volts	Iout Ampere	Imin Ampere	Line regulation VIN(min÷max) %	Load regulation (10÷100%) %	Ripple & Noise (0÷20MHz) mV
S022	15	5	3	0	±0.5	1	50
S023	19.2	12	1.6	0	±0.5	1	100
S024	21	15	1.4	0	±0.5	1	100
S026	19.2	24	0.8	0	±0.5	1	100
S027	21.6	36	0.6	0	±0.5	1	100
S028	19.2	48	0.4	0	±0.5	1	100

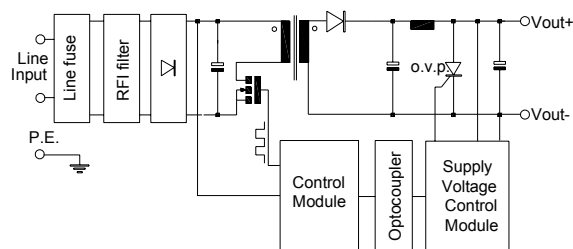
POWER SUPPLY VIEW



TEMP. DERATING

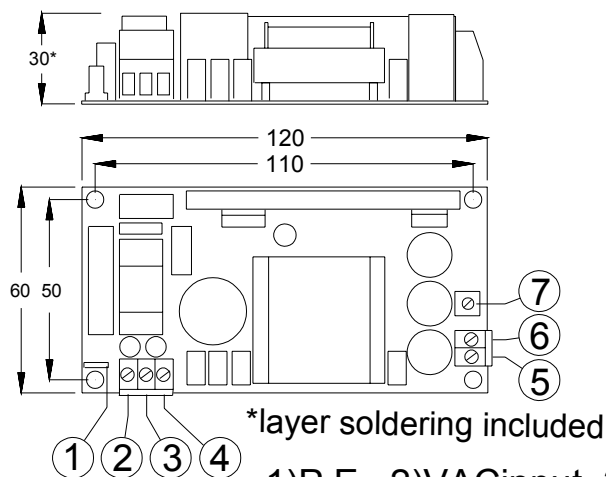


BLOCK DIAGRAM

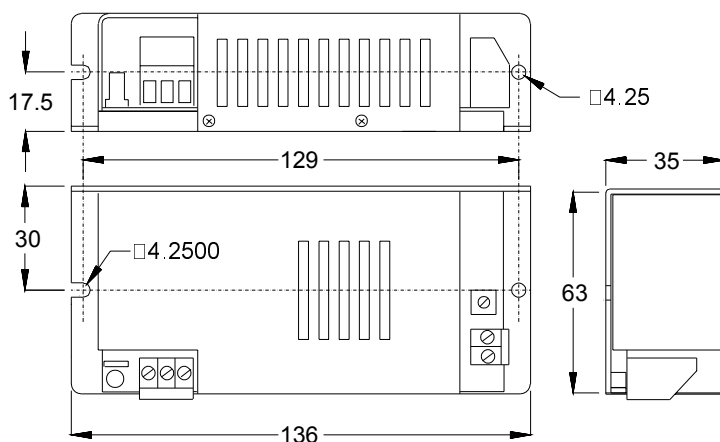


DIMENSIONS AND CONNECTIONS

top and front board view



front top and side view of -C- option



1)P.E. 2)VACinput 3)N.C 4)VACinput 5)Vout+ 6)Vout- 7)Vadj.

AZIENDA CERTIFICATA



Note: all features are subject to change without notice.

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